

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

30/40/60  
1995

OLIFF & BERRIDGE, PLC  
 P.O. Box 19928  
 Alexandria, Virginia 22320  
 Telephone: (703) 836-6400  
 Facsimile: (703) 836-2787

Attorney Docket No.: 117031

Date: September 4, 2003

MAIL STOP PATENT APPLICATION

Customer Number: 25944

NONPROVISIONAL APPLICATION TRANSMITTAL  
RULE §1.53(b)

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is the nonprovisional patent application

For (Title): WIRING BOARD, METHOD OF MANUFACTURING THE SAME, SEMICONDUCTOR DEVICE, CIRCUIT BOARD, AND ELECTRONIC EQUIPMENT

By (Inventors): Terunao HANAOKA

- Formal drawings (Figs. 1-10; 4 sheets) are attached.  
 Use Figure \_\_\_\_\_ for front page of Publication.
- A Declaration and Power of Attorney is filed herewith.
- This application claims benefit of Provisional Application No. \_\_\_\_\_ filed \_\_\_\_\_.  
 (A Preliminary Amendment is attached to reflect this claim in the Specification if not already present.)
- This patent application is assigned to SEIKO EPSON CORPORATION.  
 The executed Assignment is filed herewith.
- An Information Disclosure Statement is filed herewith.
- Entitlement to small entity status is hereby asserted.
- A Preliminary Amendment is filed herewith.
- Priority of foreign application No. 2002-298324 filed October 11, 2002 in JAPAN is claimed (35 U.S.C. §119).  
 A certified copy of the above corresponding foreign application is filed herewith.
- This application is NOT to be published under 35 U.S.C. 112(b). The undersigned attorney or agent hereby certifies that the invention disclosed in this application has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.
- The filing fee is calculated below:

CLAIMS IN THE APPLICATION AFTER ENTRY OF  
ANY PRELIMINARY AMENDMENT NOTED ABOVE

FOR:	NO. FILED	NO. EXTRA
BASIC FEE		
TOTAL CLAIMS	21 - 20	= 1
INDEP CLAIMS	2 - 3	= 0
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS PRESENTED		

\* If the difference is less than zero, enter "0".

- Check No. 145867 in the amount of \$768 to cover the filing fee is attached. Except as otherwise noted herein, the Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

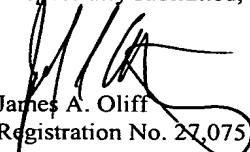
SMALL ENTITY

RATE	Fee
	\$ 375
x 9 =	\$
x 42 =	\$
+ 140 =	\$
TOTAL	\$

OTHER THAN A  
SMALL ENTITY

OR	RATE	Fee
OR		\$ 750
OR	x 18	\$ 18
OR	x 84	\$
OR	+ 280	\$
OR	TOTAL	\$ 768

Respectfully submitted,



James A. Oliff  
 Registration No. 27,075

Joel S. Armstrong  
 Registration No. 36,430

15757 U.S.pto  
10/654424  
09/04/03

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By (Inventors): Terunao HANAOKA

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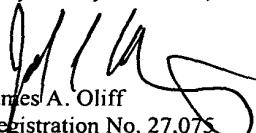
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